

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2015 Levee Inspection Results

Sutter Maintenance Yard Nelson Bend

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Sutter Maintenance Yard Nelson Bend

Waterway			Bank	Unit Miles
Unit No. 01 Feather River West Levee-Nelson Bend				0.50
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/14/2015 - 05/14/2015			
DWR Inspector	Michael Pitta			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sutter Maintenance Yard Nelson Bend

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee-Nelson Bend		0.50	05/14/2015 05/14/2015	Michael Pitta

LM Start		Rating **	A	Issue No.	9		
LM End		Issue Type +	Ma	Location *	CR		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Operations & Maintenance Manuals				°		°
					°		°
DWR ID	DWR_ST0006_01_s _ 2014_9						
Action/Comments							
Inspector Comments: Sutter Maintenance Yard has copies of the O&M manuals.							

No Photos

LM Start		Rating **	A	Issue No.	10		
LM End		Issue Type +	Ma	Location *	CR		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start	End		
Item	Emergency Supplies & Equipment				°		°
					°		°
DWR ID	DWR_ST0006_01_s _ 2014_10						
Action/Comments							
Inspector Comments: Sutter Maintenance Yard has flood fight supplies on hand at their equipment yard.							

No Photos

LM Start		Rating **	A	Issue No.	11		
LM End		Issue Type +	Ma	Location *	CR		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_ST0006_01_s _ 2014_11						
Action/Comments							
Inspector Comments: Sutter Maintenance Yard has attended flood fight training.							

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Sutter Maintenance Yard Nelson Bend

No Photos

No Photos

View of the vegetation on the waterside of the levee.

Page 2 of 5

**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Spring 2015

Sutter Maintenance Yard Nelson Bend

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee-Nelson Bend		0.50	05/14/2015 05/14/2015	Michael Pitta

LM Start	0.01	Rating **	M	Issue No.	3
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.886925 °	38.880914 °
				-121.614752 °	-121.614428 °
DWR ID	DWR_ST0006_01_s _ 2012_3				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP_2015_ST0006_471_3_20150401_00002.jpg



This photo was taken from the crown facing south looking down the landward levee slope at trees that need to be trimmed up 5 feet to allow for slope visibility. Fall 2014.

LM Start	0.06	Rating **	M	Issue No.	4
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.886277 °	38.886277 °
				-121.615129 °	-121.615129 °
DWR ID	DWR_ST0006_01_s _ 2012_4				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP_2015_ST0006_471_4_20150401_00003.jpg



View of the elderberries that are blocking visibility.

LM Start	0.15	Rating **	M	Issue No.	5
LM End	0.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.885100 °	38.885100 °
				-121.615722 °	-121.615722 °
DWR ID	DWR_ST0006_01_s _ 2012_5				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee-Nelson Bend		0.50	05/14/2015 05/14/2015	Michael Pitta

LM Start	0.16	Rating **	M	Issue No.	12
LM End	0.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.884946 °	38.884946 °
				-121.615761 °	-121.615761 °
DWR ID	DWR_ST0006_01_s _ 2015_12				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	0.18	Rating **	M	Issue No.	13
LM End	0.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.884577 °	38.884577 °
				-121.615761 °	-121.615761 °
DWR ID	DWR_ST0006_01_s _ 2015_13				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	0.21	Rating **	M	Issue No.	14
LM End	0.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.884151 °	38.884151 °
				-121.615732 °	-121.615732 °
DWR ID	DWR_ST0006_01_s _ 2015_14				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee-Nelson Bend		0.50	05/14/2015 05/14/2015	Michael Pitta

LM Start	0.34	Rating **	M	Issue No.	6
LM End	0.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.882398 °	38.882398 °
				-121.614966 °	-121.614966 °
DWR ID	DWR_ST0006_01_s _ 2012_6				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	0.47	Rating **	U	Issue No.	8
LM End	0.47	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.880664 °	38.880664 °
				-121.614335 °	-121.614335 °
DWR ID	DWR_ST0006_01_s _ 2012_8				
Action/Comments					
Building					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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